## How can I determine whether a geography, such as a county, is completely within an Urban Area, completely Rural, or a mix?

Data.census.gov does not have a way to determine whether a geography is completely within an Urban Area, completely Rural, or a mix. Instead, you can use the Missouri State Data Center's MABLE Geocorr tool to compare any two census geographies. Below is an example of using the MABLE Geocorr to determine if the counties in Arizona are completely within an Urban Area, completely Rural, or a mix, including percentage.

The MABLE Geocorr can be accessed at <a href="http://mcdc.missouri.edu/applications/geocorr2014.html">http://mcdc.missouri.edu/applications/geocorr2014.html</a>.

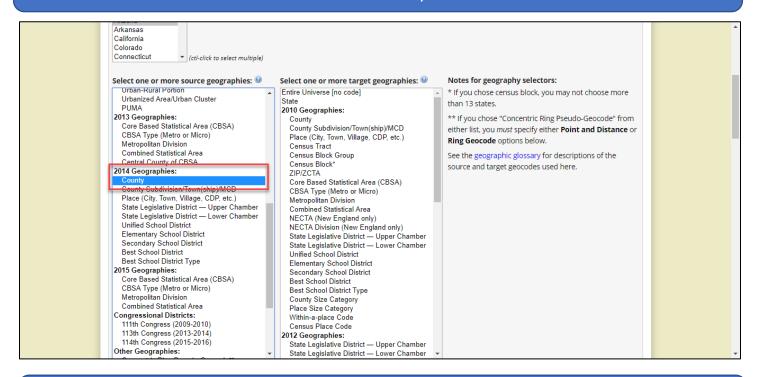
**Step 1:** Select the state. For this example, we are selecting Arizona. MCDC Data Applications **Missouri Census Data Center** Search this site Go Data ▶ Population ► Geography ► About MCDC ▶ Help ▶ Geocorr 2014: Geographic Correspondence Engine Rev. 9/10/2016 with Census 2010 (and later) geography This application accesses the MABLE geographic database to generate custom correlation lists as reports and/or files. Click on the help icons (🎱) for detailed info on any section of this form. Please note that processing time may be several minutes for large areas or multiple states. Help | Examples | What's new | Other Geocorr versions INPUT OPTIONS Select the state(s) to process: @ Missouri Alabama Alaska Arkansas California Colorado Connecticut ▼ (ctl-click to select multiple Select one or more source geographies: 🥹 Select one or more target geographies: @ Notes for geography selectors: Entire Universe [no code] Entire Universe [no code] \* If you chose census block, you may not choose more 2010 Geographies: 2010 Geographies:

County

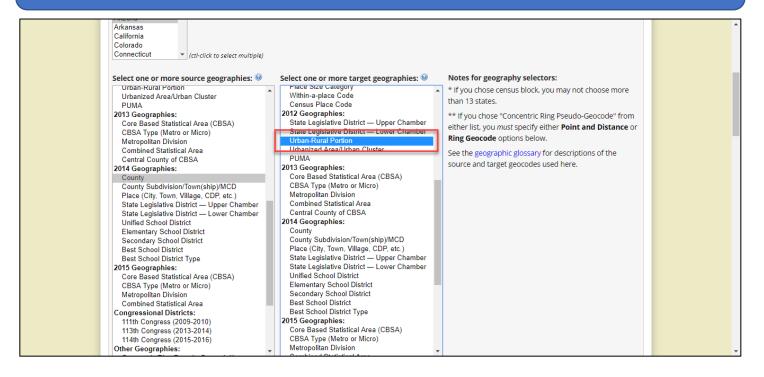
\*\* If you chose "Concentric Ring Pseudo-Geocode" from

County

## **Step 2:** Select one or more source geographies. For this example, under 2014 Geographies, select County.



**Step 3:** Select one or more target geographies. For this example, select Urban-Rural Portion found under the 2012 Geographies section.



## **Step 4:** Scroll down and select the first instance of Run request, located directly beneath the OUTPUT OPTIONS section.



**Step 5:** On the output page, first click on the HTML file to view the table. You can download the CSV file, as well.

## Geocorr 2014 **Query Output** geocorr2014 version 2.3, revised 02/06/2019 Processing started at 9:28:40 on 27APR20 Job id: 27APR0928825 States to be processed: 04 Arizona Source geocodes requested: county14 Target geocodes requested: ur Specs appear to be valid. Request being processed. Please be patient. 114742 census blocks selected. CSV (comma-delimited) output file geocorr2014.csv NOTE: If the program halts here after several minutes, the application has timed out. This can occur during intensive tasks, such as processing multiple states. It may help to turn off the HTML or PDF report option, which tends to consume the most resources and processing time. Report file geocorr2014.html 30 observations on output correlation list Processing completed Retrieve your results by following the links to your output file(s), above Processing ended at 9:28:41 on 27APR20. Total elapsed time: 1 seconds.



**Step 6:** Under the county to UR allocation factor, you can see how much of each county is urban and how much is rural.

In this example, we can see that 74.1 percent of Apache County, Arizona is Rural, while 25.9 percent is Urban.

Geocorr 2014			Missouri Census Data Center	
Listing of Geographic Correlations				
county14	2014 county name	Urban/Rural	Total population (2010)	county14 to ur allocation factor
04001	Apache AZ	R U	52967 18551	0.741 0.259
county14	2014 county name	Urban/Rural	Total population (2010)	county14 to ur allocation factor
04003	Cochise AZ	R U	47680 83666	0.363 0.637
county14	2014 county name	Urban/Rural	Total population (2010)	county14 to ur allocation factor
04005	Coconino AZ	R U	42297 92124	0.315 0.685
		-1		
county14	2014 county name	Urban/Rural	Total population	county14 to



